

Nuclear Decommissioning Citizens Advisory Panel (NDCAP)

December 1, 2016





Introductions

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Decommissioning Project Status





VY Decommissioning Update

Decommissioning Preparation Activities

- System Draining/Lay-Up of abandoned systems scheduled in 2016 are complete.
- Building Power and Services Removal Continue to further minimize cost impacts at the site.

NRC Inspection Activities

Fourth quarter 2016 inspection activities are ongoing.





VY Decommissioning Update (Cont'd)

Dry Fuel Storage Project

- > ISFSI Pad Construction
 - ➤ July Construction initiated; Work on schedule and on budget
 - ➤ Installation of new 200kW Security Diesel Generator (SDG) Complete
 - ➤ Former John Deere Diesel Generator & Building Removal **Complete**
 - ➤ North Warehouse Removal **Complete**
 - ➤ All Waste Shipped Off-Site Mid-December 2016

➤ Holtec Cask System Fabrication

- ➤ Shop fabrication complete for Cask Systems 1 thru 12 (of 45)
- ➤ Received Cask Systems 1-12 (Hi-Storm Fabrication Complete)
- Multi-Purpose Canisters (MPC) and Hi-Storms stored on ISFSI Pad



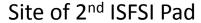


VY Decommissioning Update (Cont'd)





North Warehouse Demolition







VY Water Management Update



Water Management Program



- Intrusion Water Storage Action Plan
 - Intrusion water is currently stored in one metal "frac" tank outside of the Turbine Building. FRAC tank winterization is complete.
 - In-leakage prevention projects are in-progress seeking to further reduce the intrusion of groundwater.
 - Impact of the modifications to the seismic gap has resulted in a reduction in intrusion water.
 - Estimated reduction from 900-1000 gals/day to 400-500 gals/day.
- EnergySolutions is providing shipment and disposal services
 - Groundwater is being shipped to EnergySolutions licensed disposal site in Tennessee.
 - The currently schedule is three (3) shipment per month at the current intrusion rate.
 - A total of 394,000 gallons have been shipped to date.





Nuclear Decommissioning Trust Update





Nuclear Decommissioning Trust Update

- The ENVY Nuclear Decommissioning Trust (NDT) balance was \$574.9 Million on September 30, 2016
- ➤ The NDT balance was \$562.9 Million on October 31, 2016
 - The decrease was due to reimbursements from the NDT and negative market performance.
 - ➤ Summary of NDT Performance through 3Q16:
 - \$60.4M in Qualified Withdrawals
 - > \$31.2M in Market Gains
 - > \$3.3M in Fund Expenses
- ➤ The Site Restoration Trust balance was \$16.7 Million on October 31, 2016. (Slight decrease from Sept. 2016)
 - > Entergy has funded \$15M to date; \$1.7M fund growth.
 - ▶ \$5M annual contributions to the Site Restoration Trust scheduled for December 2016 and December 2017 (Total \$10M).



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Open Communication and Transparency

- Nuclear Decommissioning Citizens Advisory Panel (NDCAP)
- Stakeholder Outreach
 - Speaking Engagements
 - Continued Community Involvement & Charitable Giving
- Tours for Key Stakeholders
- Entergy Nuclear Vermont Yankee Decommissioning Website, <u>www.vydecommissioning.com</u>









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